

Fig. 1B

Fig. 1A

Fig. 1C

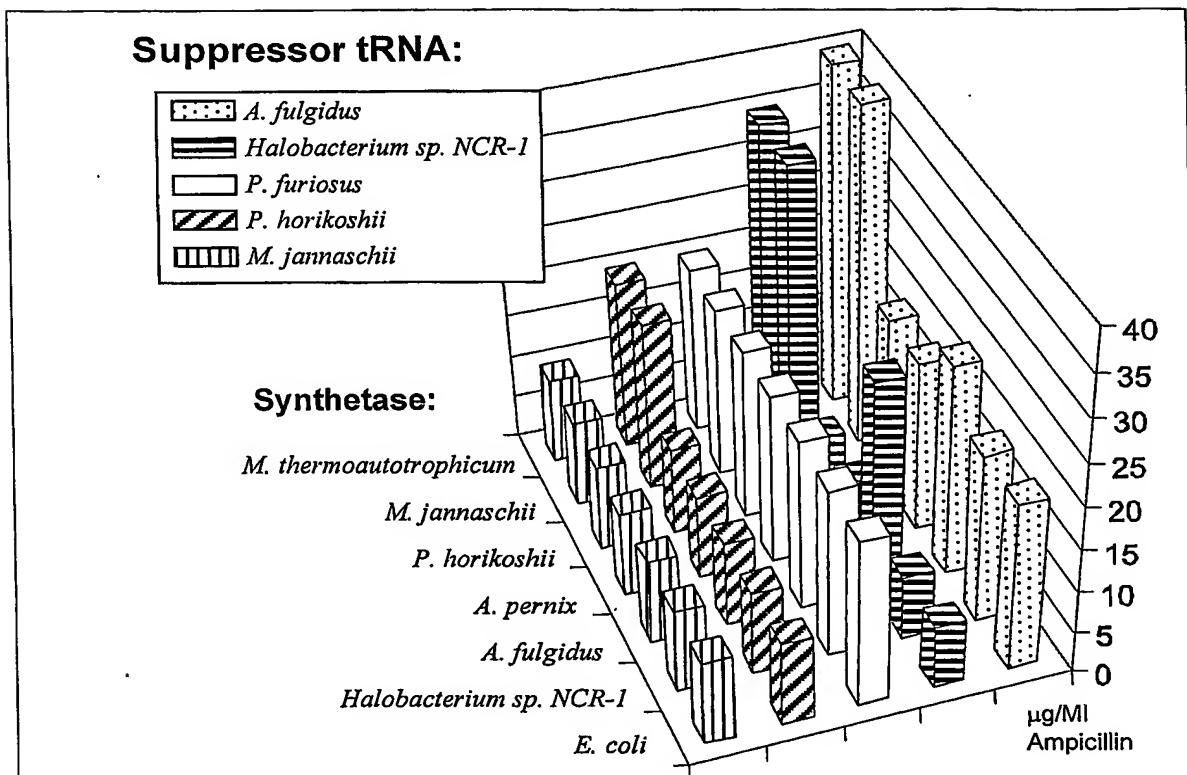


Fig. 2

Fig. 3A

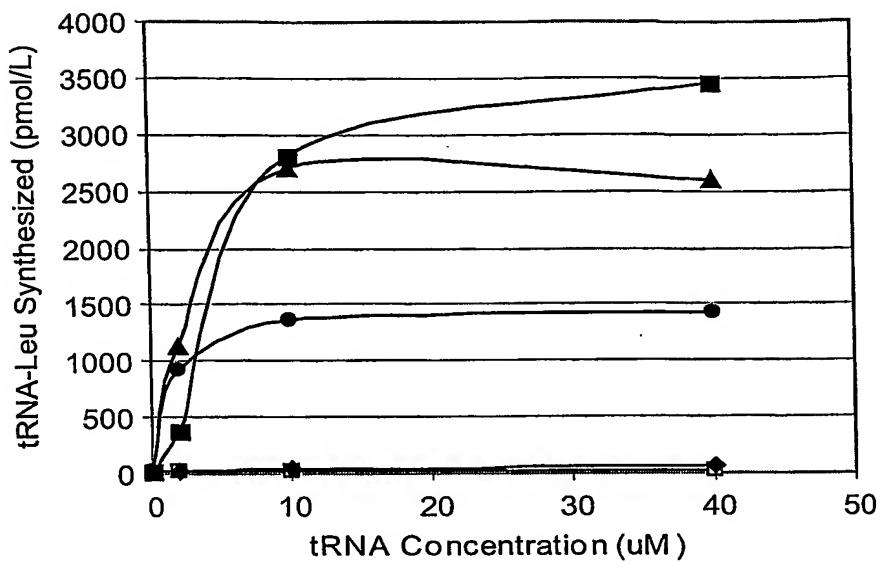


Fig. 3B

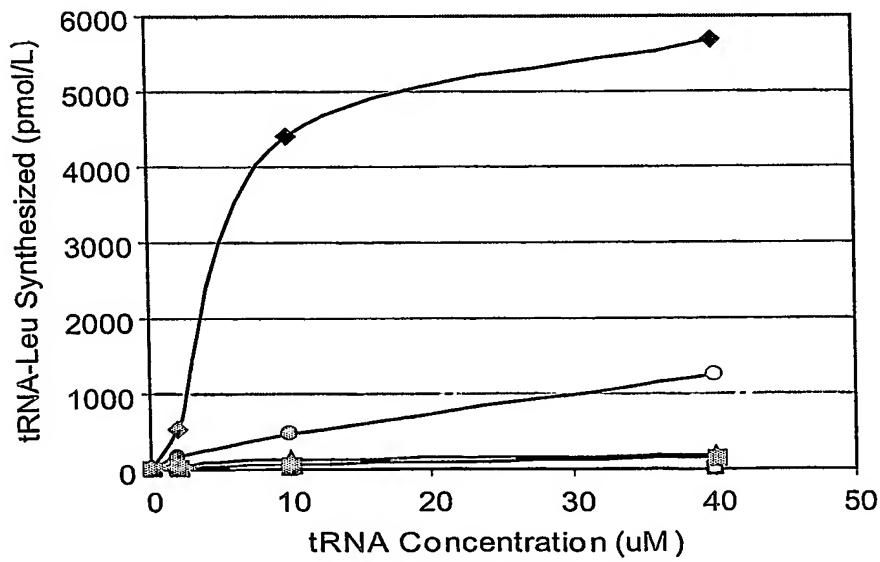


Fig. 4A

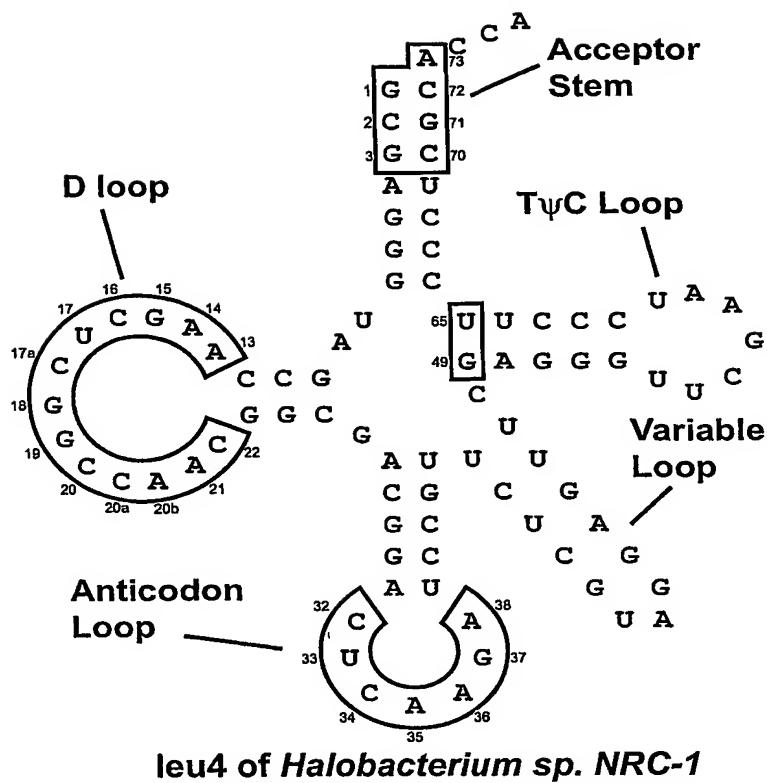
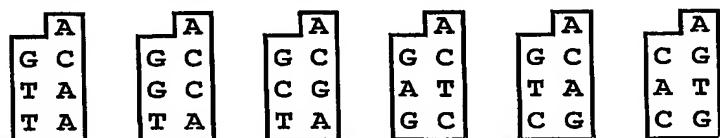
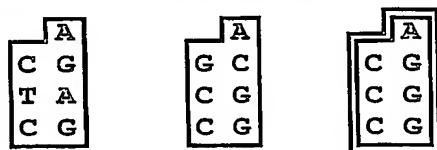


Fig. 4B

Active acceptor stem mutants:



Less cross reactive mutants:



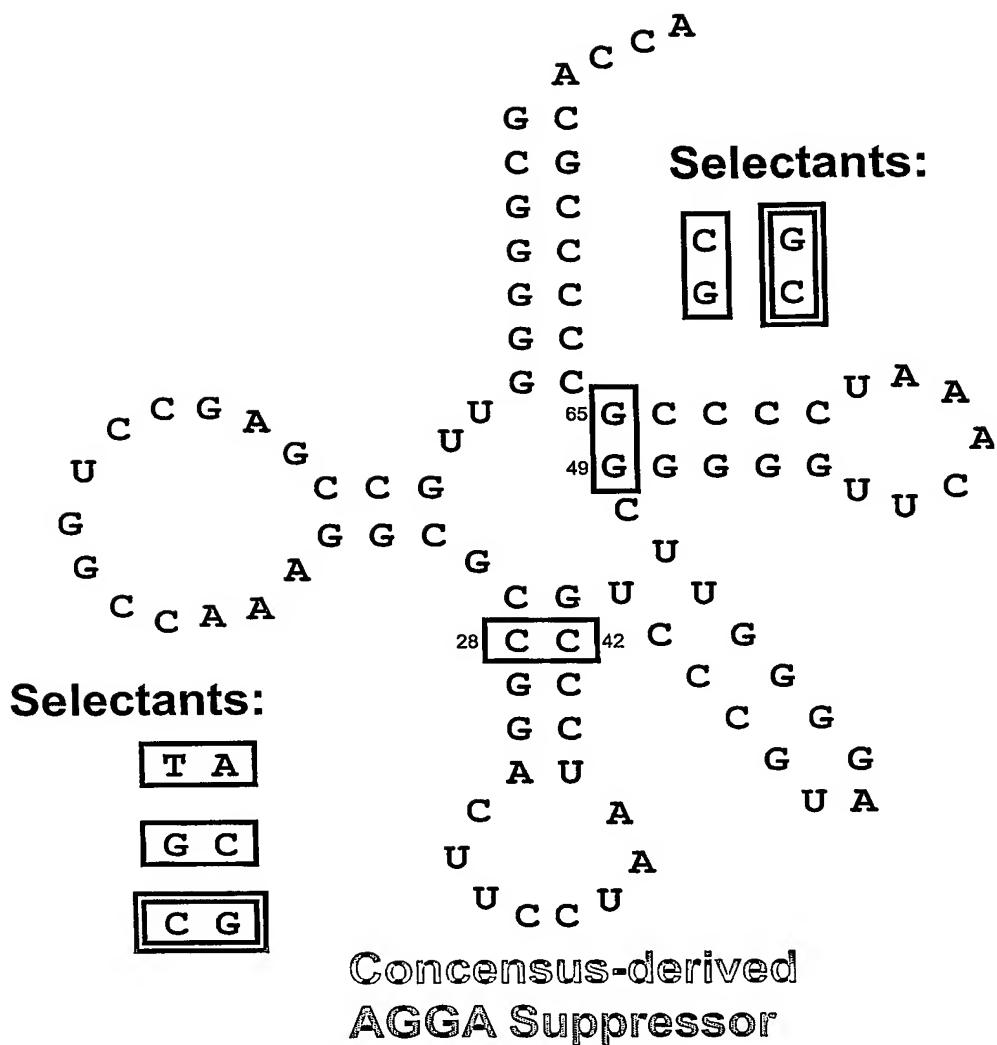


Fig. 5